

LECTOTYPE DESIGNATION FOR *NOTIPHILA VARIA* JONES (DIPTERA: EPHYDRIDAE)¹

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In 1906, Jones published a catalogue of the Ephydriidae and descriptions of four new species from California, including *Notiphila varia*. The description of the latter contained no type designation or direct mention of any specimens except that both males and females were examined. Also, the type locality was not mentioned, although Jones did give "middle and southern California" as the distribution of his new species.

The specimens Jones studied were deposited in the University of California, Berkeley collection. Later, they were borrowed by E. T. Cresson, Jr. who revised the genus *Notiphila* in 1917. At that time, Cresson synonymized *N. varia* under Loew's *N. erythroceræ*, but did not designate a lectotype. Two males of the type series were later deposited in the California Academy of Science.

Through the courtesy of Dr. Paul H. Arnaud, Jr. and Mr. Vincent F. Lee, who are working on a list of the Diptera type specimens in the California Academy of Science and who suggested the present designation, I was able to examine the two remaining male specimens. Both males bore Cresson's labels, one as type and the other as paratype, but the designations were never published. I am doing so now in preparation for the list of Diptera type specimens which will be submitted for publication before my own work on *Notiphila* is completed.

Designated as lectotype of *Notiphila varia* Jones is the male specimen with the following label information: Riverside, Riverside Co., V-30-98, Cal.; Cresson's determination label dated 1915; a determination label by Wirth with no date; a blue paratype label written by Cresson; a small label with the number 1134; and a small label with the male sex symbol. I have placed a

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red lectotype label on this specimen with the following information: LECTOTYPE, *Notiphila varia* Jones, Wayne N. Mathis. The specimen has also been given California Academy of Science entomology type number 1848.

The second male specimen, here designated as a paralectotype, bears the same label data as the lectotype except as follows: no determination label by Wirth, but a red type label by Cresson. Although Cresson placed a red type label on the paralectotype, its poor condition warrants designating the other specimen as lectotype. Furthermore, Cresson's lectotype designations were never published.

While the specimens were available, the postabdomen of the male paralectotype was prepared for study and is attached to the specimen in a genitalia vial.

LITERATURE CITED

- Jones, B. J. 1906. Catalogue of the Ephydriidae, with bibliography and description of new species. Calif. Univ., Pubs., Ent. 1:153-198.
- Cresson, E. T., Jr. 1917. Studies in American Ephydriidae (Diptera). II. A Revision of the species of the genera *Notiphila* and *Dichaeta*. Trans. Am. Ent. Soc. 43:27-66.

ABSTRACT—A lectotype and paralectotype are designated for *Notiphila varia* Jones. Notes on the species' history, synonymical and otherwise, are also given.

Descriptors: Diptera; ephydriidae; lectotype designation; *Notiphila varia* Jones; California.